



$$I(J^P) = \frac{1}{2}(\frac{1}{2}^+) \text{ Status: } ***$$

The parity has not actually been measured, but + is of course expected.

NODE=S023

NODE=S023

### Ξ<sup>0</sup> MASS

The fit uses the Ξ<sup>0</sup>, Ξ<sup>-</sup>, and Ξ<sup>+</sup> masses and the Ξ<sup>-</sup> - Ξ<sup>0</sup> mass difference. It assumes that the Ξ<sup>-</sup> and Ξ<sup>+</sup> masses are the same.

NODE=S023M

NODE=S023M

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>1314.86 ± 0.20 OUR FIT</b>				
<b>1314.82 ± 0.06 ± 0.20</b>	3120	FANTI	00 NA48	p Be, 450 GeV
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
1315.2 ± 0.92	49	WILQUET	72 HLBC	
1313.4 ± 1.8	1	PALMER	68 HBC	

NODE=S023M

### m<sub>Ξ<sup>-</sup></sub> - m<sub>Ξ<sup>0</sup></sub>

The fit uses the Ξ<sup>0</sup>, Ξ<sup>-</sup>, and Ξ<sup>+</sup> masses and the Ξ<sup>-</sup> - Ξ<sup>0</sup> mass difference. It assumes that the Ξ<sup>-</sup> and Ξ<sup>+</sup> masses are the same.

NODE=S023D

NODE=S023D

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>6.85 ± 0.21 OUR FIT</b>				
<b>6.3 ± 0.7 OUR AVERAGE</b>				
6.9 ± 2.2	29	LONDON	66 HBC	
6.1 ± 0.9	88	PJERROU	65B HBC	
6.8 ± 1.6	23	JAUNEAU	63 FBC	
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
6.1 ± 1.6	45	CARMONY	64B HBC	See PJERROU 65B

NODE=S023D

### Ξ<sup>0</sup> MEAN LIFE

VALUE (10 <sup>-10</sup> s)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>2.90 ± 0.09 OUR AVERAGE</b>				
2.83 ± 0.16	6300	<sup>1</sup> ZECH	77 SPEC	Neutral hyperon beam
2.88 <sup>+0.21</sup> <sub>-0.19</sub>	652	BALTAY	74 HBC	1.75 GeV/c K <sup>-</sup> p
2.90 <sup>+0.32</sup> <sub>-0.27</sub>	157	<sup>2</sup> MAYEUR	72 HLBC	2.1 GeV/c K <sup>-</sup>
3.07 <sup>+0.22</sup> <sub>-0.20</sub>	340	DAUBER	69 HBC	
3.0 ± 0.5	80	PJERROU	65B HBC	
2.5 <sup>+0.4</sup> <sub>-0.3</sub>	101	HUBBARD	64 HBC	
3.9 <sup>+1.4</sup> <sub>-0.8</sub>	24	JAUNEAU	63 FBC	
● ● ● We do not use the following data for averages, fits, limits, etc. ● ● ●				
3.5 <sup>+1.0</sup> <sub>-0.8</sub>	45	CARMONY	64B HBC	See PJERROU 65B

NODE=S023T

NODE=S023T

<sup>1</sup> The ZECH 77 result is  $\tau_{\Xi^0} = [2.77 - (\tau_{\Lambda} - 2.69)] \times 10^{-10}$  s, in which we use  $\tau_{\Lambda} = 2.63 \times 10^{-10}$  s.

<sup>2</sup> The MAYEUR 72 value is modified by the erratum.

NODE=S023T;LINKAGE=Z

NODE=S023T;LINKAGE=M

### Ξ<sup>0</sup> MAGNETIC MOMENT

See the "Note on Baryon Magnetic Moments" in the  $\Lambda$  Listings.

NODE=S023MM

NODE=S023MM

VALUE ( $\mu_N$ )	EVTS	DOCUMENT ID	TECN	COMMENT
<b>-1.250 ± 0.014 OUR AVERAGE</b>				
-1.253 ± 0.014	270k	COX	81 SPEC	
-1.20 ± 0.06	42k	BUNCE	79 SPEC	

NODE=S023MM

$\Xi^0$  DECAY MODES

NODE=S023225;NODE=S023

Mode	Fraction ( $\Gamma_i/\Gamma$ )	Confidence level
$\Gamma_1 \Lambda\pi^0$	(99.525±0.012) %	
$\Gamma_2 \Lambda\gamma$	( 1.17 ±0.07 ) × 10 <sup>-3</sup>	
$\Gamma_3 \Lambda e^+ e^-$	( 7.6 ±0.6 ) × 10 <sup>-6</sup>	
$\Gamma_4 \Sigma^0\gamma$	( 3.33 ±0.10 ) × 10 <sup>-3</sup>	
$\Gamma_5 \Sigma^+ e^- \bar{\nu}_e$	( 2.53 ±0.08 ) × 10 <sup>-4</sup>	
$\Gamma_6 \Sigma^+ \mu^- \bar{\nu}_\mu$	( 4.6 $\begin{smallmatrix} +1.8 \\ -1.4 \end{smallmatrix}$ ) × 10 <sup>-6</sup>	

DESIG=1  
DESIG=9  
DESIG=12  
DESIG=10  
DESIG=4  
DESIG=6

**$\Delta S = \Delta Q$  ( $SQ$ ) violating modes or  
 $\Delta S = 2$  forbidden ( $S2$ ) modes**

NODE=S023;CLUMP=A

$\Gamma_7 \Sigma^- e^+ \nu_e$	$SQ < 9$	× 10 <sup>-4</sup>	90%	DESIG=5
$\Gamma_8 \Sigma^- \mu^+ \nu_\mu$	$SQ < 9$	× 10 <sup>-4</sup>	90%	DESIG=7
$\Gamma_9 \rho\pi^-$	$S2 < 8$	× 10 <sup>-6</sup>	90%	DESIG=2
$\Gamma_{10} \rho e^- \bar{\nu}_e$	$S2 < 1.3$	× 10 <sup>-3</sup>		DESIG=3
$\Gamma_{11} \rho\mu^- \bar{\nu}_\mu$	$S2 < 1.3$	× 10 <sup>-3</sup>		DESIG=8

## CONSTRAINED FIT INFORMATION

An overall fit to 3 branching ratios uses 9 measurements and one constraint to determine 4 parameters. The overall fit has a  $\chi^2 = 4.6$  for 6 degrees of freedom.

The following *off-diagonal* array elements are the correlation coefficients  $\langle \delta x_i \delta x_j \rangle / (\delta x_i \delta x_j)$ , in percent, from the fit to the branching fractions,  $x_i \equiv \Gamma_i/\Gamma_{\text{total}}$ . The fit constrains the  $x_i$  whose labels appear in this array to sum to one.

$x_2$	-57		
$x_4$	-82	0	
$x_5$	-7	0	0
	$x_1$	$x_2$	$x_4$

 $\Xi^0$  BRANCHING RATIOS

NODE=S023230

 $\Gamma(\Lambda\gamma)/\Gamma(\Lambda\pi^0)$  $\Gamma_2/\Gamma_1$ 

VALUE (units 10 <sup>-3</sup> )	EVTS	DOCUMENT ID	TECN	COMMENT
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**1.17±0.07 OUR FIT****1.17±0.07 OUR AVERAGE**

1.17±0.05±0.06	672	<sup>3</sup> LAI	04A NA48	$p$ Be, 450 GeV
1.91±0.34±0.19	31	<sup>4</sup> FANTI	00 NA48	$p$ Be, 450 GeV
1.06±0.12±0.11	116	JAMES	90 SPEC	FNAL hyperons

<sup>3</sup> LAI 04A used our 2002 value of 99.5% for the  $\Xi^0 \rightarrow \Lambda\pi^0$  branching fraction to get  $\Gamma(\Xi^0 \rightarrow \Lambda\gamma)/\Gamma_{\text{total}} = (1.16 \pm 0.05 \pm 0.06) \times 10^{-3}$ . We adjust slightly to go back to what was directly measured.

<sup>4</sup> FANTI 00 used our 1998 value of 99.5% for the  $\Xi^0 \rightarrow \Lambda\pi^0$  branching fraction to get  $\Gamma(\Xi^0 \rightarrow \Lambda\gamma)/\Gamma_{\text{total}} = (1.90 \pm 0.34 \pm 0.19) \times 10^{-3}$ . We adjust slightly to go back to what was directly measured.

NODE=S023R8;LINKAGE=LA

NODE=S023R8;LINKAGE=FT

 $\Gamma(\Lambda e^+ e^-)/\Gamma_{\text{total}}$  $\Gamma_3/\Gamma$ 

VALUE (units 10 <sup>-6</sup> )	EVTS	DOCUMENT ID	TECN	COMMENT
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<b>7.6±0.4±0.5</b>	397 ± 21	<sup>5</sup> BATLEY	07C NA48	$p$ Be, 400 GeV
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<sup>5</sup> This BATLEY 07C result is consistent with internal bremsstrahlung.

NODE=S023R12  
NODE=S023R12

NODE=S023R12;LINKAGE=BA

 $\Gamma(\Sigma^0\gamma)/\Gamma(\Lambda\pi^0)$  $\Gamma_4/\Gamma_1$ 

VALUE (units 10 <sup>-3</sup> )	EVTS	DOCUMENT ID	TECN	COMMENT
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**3.35±0.10 OUR FIT****3.35±0.10 OUR AVERAGE**

3.34±0.05±0.09	4045	ALAVI-HARATI01C	KTEV	$p$ nucleus, 800 GeV
3.16±0.76±0.32	17	<sup>6</sup> FANTI	00 NA48	$p$ Be, 450 GeV
3.56±0.42±0.10	85	TEIGE	89 SPEC	FNAL hyperons

<sup>6</sup> FANTI 00 used our 1998 value of 99.5% for the  $\Xi^0 \rightarrow \Lambda\pi^0$  branching fraction to get  $\Gamma(\Xi^0 \rightarrow \Sigma^0\gamma)/\Gamma_{\text{total}} = (3.14 \pm 0.76 \pm 0.32) \times 10^{-3}$ . We adjust slightly to go back to what was directly measured.

NODE=S023R9  
NODE=S023R9

NODE=S023R9;LINKAGE=FT

$\Gamma(\Sigma^+ e^- \bar{\nu}_e)/\Gamma_{\text{total}}$  $\Gamma_5/\Gamma$ VALUE (units  $10^{-4}$ ) EVTS

DOCUMENT ID TECN COMMENT

**2.53±0.08 OUR FIT****2.53±0.08 OUR AVERAGE**

2.51±0.03±0.09	6101	BATLEY	07	NA48	$p$ Be, 400 GeV
2.55±0.14±0.10	419	<sup>7</sup> BATLEY	07	NA48	$p$ Be, 400 GeV
2.71±0.22±0.31	176	AFFOLDER	99	KTEV	$p$ nucleus, 800 GeV

NODE=S023R10  
NODE=S023R10

OCCUR=2

<sup>7</sup> This BATLEY 07 result is for  $\Xi^0 \rightarrow \Sigma^- e^+ \nu_e$  events.

NODE=S023R10;LINKAGE=BT

 $\Gamma(\Sigma^+ \mu^- \bar{\nu}_\mu)/\Gamma(\Sigma^+ e^- \bar{\nu}_e)$  $\Gamma_6/\Gamma_5$ 

VALUE EVTS

DOCUMENT ID TECN COMMENT

<b>0.018<sup>+0.007</sup><sub>-0.005</sub>±0.002</b>	9	ABOUZAID	05	KTEV	$p$ nucleus 800 GeV
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NODE=S023R11  
NODE=S023R11 $\Gamma(\Sigma^+ \mu^- \bar{\nu}_\mu)/\Gamma(\Lambda\pi^0)$  $\Gamma_6/\Gamma_1$ VALUE (units  $10^{-3}$ ) CL% EVTS

DOCUMENT ID TECN COMMENT

••• We do not use the following data for averages, fits, limits, etc. •••

<1.1	90	0	YEH	74	HBC	Effective denom.=2100
<1.5			DAUBER	69	HBC	
<7			HUBBARD	66	HBC	

NODE=S023R5  
NODE=S023R5 $\Gamma(\Sigma^- e^+ \nu_e)/\Gamma(\Lambda\pi^0)$  $\Gamma_7/\Gamma_1$ Test of  $\Delta S = \Delta Q$  rule.VALUE (units  $10^{-3}$ ) CL% EVTS

DOCUMENT ID TECN COMMENT

<b>&lt;0.9</b>	90	0	YEH	74	HBC	Effective denom.=2500
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••• We do not use the following data for averages, fits, limits, etc. •••

<1.5			DAUBER	69	HBC	
<6			HUBBARD	66	HBC	

NODE=S023R4  
NODE=S023R4  
NODE=S023R4 $\Gamma(\Sigma^- \mu^+ \nu_\mu)/\Gamma(\Lambda\pi^0)$  $\Gamma_8/\Gamma_1$ Test of  $\Delta S = \Delta Q$  rule.VALUE (units  $10^{-3}$ ) CL% EVTS

DOCUMENT ID TECN COMMENT

<b>&lt;0.9</b>	90	0	YEH	74	HBC	Effective denom.=2500
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••• We do not use the following data for averages, fits, limits, etc. •••

<1.5			DAUBER	69	HBC	
<6			HUBBARD	66	HBC	

NODE=S023R6  
NODE=S023R6  
NODE=S023R6 $\Gamma(p\pi^-)/\Gamma(\Lambda\pi^0)$  $\Gamma_9/\Gamma_1$  $\Delta S=2$ . Forbidden in first-order weak interaction.VALUE (units  $10^{-6}$ ) CL% EVTS

DOCUMENT ID TECN COMMENT

<b>&lt; 8.2</b>	90		WHITE	05	HYCP	$p$ Cu, 800 GeV
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••• We do not use the following data for averages, fits, limits, etc. •••

< 36	90		GEWENIGER	75	SPEC	
<1800	90	0	YEH	74	HBC	Effective denom.=1300
< 900			DAUBER	69	HBC	
<5000			HUBBARD	66	HBC	

NODE=S023R1  
NODE=S023R1  
NODE=S023R1 $\Gamma(p e^- \bar{\nu}_e)/\Gamma(\Lambda\pi^0)$  $\Gamma_{10}/\Gamma_1$  $\Delta S=2$ . Forbidden in first-order weak interaction.VALUE (units  $10^{-3}$ ) CL% EVTS

DOCUMENT ID TECN COMMENT

<b>&lt;1.3</b>			DAUBER	69	HBC	
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••• We do not use the following data for averages, fits, limits, etc. •••

<3.4	90	0	YEH	74	HBC	Effective denom.=670
<6			HUBBARD	66	HBC	

NODE=S023R2  
NODE=S023R2  
NODE=S023R2 $\Gamma(p\mu^- \bar{\nu}_\mu)/\Gamma(\Lambda\pi^0)$  $\Gamma_{11}/\Gamma_1$  $\Delta S=2$ . Forbidden in first-order weak interaction.VALUE (units  $10^{-3}$ ) CL% EVTS

DOCUMENT ID TECN COMMENT

<b>&lt;1.3</b>			DAUBER	69	HBC	
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••• We do not use the following data for averages, fits, limits, etc. •••

<3.5	90	0	YEH	74	HBC	Effective denom.=664
<6			HUBBARD	66	HBC	

NODE=S023R7  
NODE=S023R7  
NODE=S023R7

**$\Xi^0$  DECAY PARAMETERS**

See the "Note on Baryon Decay Parameters" in the neutron Listings.

NODE=S023235

NODE=S023235

 **$\alpha(\Xi^0) \alpha_-(\Lambda)$** This is a product of the  $\Xi^0 \rightarrow \Lambda\pi^0$  and  $\Lambda \rightarrow p\pi^-$  asymmetries.

VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
<b>-0.261±0.006 OUR AVERAGE</b>				
-0.276±0.001±0.035	4M	BATLEY	10B NA48	p Be, 400 GeV
-0.260±0.004±0.005	300k	HANDLER	82 SPEC	FNAL hyperons
••• We do not use the following data for averages, fits, limits, etc. •••				
-0.317±0.027	6075	BUNCE	78 SPEC	FNAL hyperons
-0.35 ±0.06	505	BALTAY	74 HBC	$K^- p$ 1.75 GeV/c
-0.28 ±0.06	739	DAUBER	69 HBC	$K^- p$ 1.7-2.6 GeV/c

NODE=S023AA

NODE=S023AA

NODE=S023AA

 **$\alpha$  FOR  $\Xi^0 \rightarrow \Lambda\pi^0$** The above average,  $\alpha(\Xi^0)\alpha_-(\Lambda) = -0.261 \pm 0.006$ , divided by our current average $\alpha_-(\Lambda) = 0.642 \pm 0.013$ , gives the following value for  $\alpha(\Xi^0)$ .

VALUE	DOCUMENT ID
<b>-0.406±0.013 OUR EVALUATION</b>	

NODE=S023A

NODE=S023A

NODE=S023A

 **$\phi$  ANGLE FOR  $\Xi^0 \rightarrow \Lambda\pi^0$  ( $\tan\phi = \beta/\gamma$ )**

VALUE (°)	EVTS	DOCUMENT ID	TECN	COMMENT
<b>21±12 OUR AVERAGE</b>				
16±17	652	BALTAY	74 HBC	1.75 GeV/c $K^- p$
38±19	739	<sup>8</sup> DAUBER	69 HBC	
- 8±30	146	<sup>9</sup> BERGE	66 HBC	

NODE=S023F

NODE=S023F

<sup>8</sup> DAUBER 69 uses  $\alpha_\Lambda = 0.647 \pm 0.020$ .<sup>9</sup> The errors have been multiplied by 1.2 due to approximations used for the  $\Xi$  polarization; see DAUBER 69 for a discussion.

NODE=S023F;LINKAGE=A

NODE=S023F;LINKAGE=D

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NODE=S023RHD

 **$\alpha$  FOR  $\Xi^0 \rightarrow \Lambda\gamma$** 

See the note above on "Radiative Hyperon Decays."

VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
<b>-0.704±0.019±0.064</b>				
	52k	<sup>10</sup> BATLEY	10B NA48	p Be, 400 GeV
••• We do not use the following data for averages, fits, limits, etc. •••				
-0.78 ±0.18 ±0.06	672	LAI	04A NA48	See BATLEY 10B
-0.43 ±0.44	87	<sup>11</sup> JAMES	90 SPEC	FNAL hyperons

NODE=S023LG

NODE=S023LG

NODE=S023LG

<sup>10</sup> BATLEY 10B also measured the  $\Xi^0 \rightarrow \bar{\Lambda}\gamma$  asymmetry to be  $-0.798 \pm 0.064$  (no systematic error given) with 4769 events.

NODE=S023LG;LINKAGE=BA

<sup>11</sup> The sign has been changed; see the erratum, JAMES 02.

NODE=S023LG;LINKAGE=B

 **$\alpha$  FOR  $\Xi^0 \rightarrow \Lambda e^+ e^-$** 

VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
<b>-0.8±0.2</b>				
	397 ± 21	<sup>12</sup> BATLEY	07C NA48	p Be, 400 GeV

NODE=S023LEE

NODE=S023LEE

<sup>12</sup> This BATLEY 07C result is consistent with the asymmetry  $\alpha$  for  $\Xi^0 \rightarrow \Lambda\gamma$ , as expected if the mechanism is internal bremsstrahlung.

NODE=S023LEE;LINKAGE=BA

 **$\alpha$  FOR  $\Xi^0 \rightarrow \Sigma^0\gamma$** 

See the note above on "Radiative Hyperon Decays."

VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
<b>-0.69 ±0.06 OUR AVERAGE</b>				
-0.729±0.030±0.076	15k	<sup>13</sup> BATLEY	10B NA48	p Be, 400 GeV
-0.63 ±0.08 ±0.05	4045	ALAVI-HARATI01C	KTEV	p nucleus, 800 GeV
••• We do not use the following data for averages, fits, limits, etc. •••				
+0.20 ±0.32 ±0.05	85	<sup>14</sup> TEIGE	89 SPEC	FNAL hyperons

NODE=S023AG

NODE=S023AG

NODE=S023AG

<sup>13</sup> BATLEY 10B also measured the  $\Xi^0 \rightarrow \bar{\Sigma}^0\gamma$  asymmetry to be  $-0.786 \pm 0.104$  (no systematic error given) with 1404 events.

NODE=S023AG;LINKAGE=BA

<sup>14</sup> This result has been withdrawn, due to an error. See the erratum, TEIGE 02.

NODE=S023AG;LINKAGE=T1

 **$g_1(0)/f_1(0)$  FOR  $\Xi^0 \rightarrow \Sigma^+ e^- \bar{\nu}_e$** 

VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
<b>1.21±0.05 OUR AVERAGE</b>				
+1.20±0.04±0.03	6520	<sup>15</sup> BATLEY	07 NA48	p Be, 400 GeV
+1.32 <sup>+0.21</sup> <sub>-0.17</sub> ±0.05	487	<sup>16</sup> ALAVI-HARATI01I	KTEV	p nucleus, 800 GeV

NODE=S023AH

NODE=S023AH

<sup>15</sup> This BATLEY 07 result uses our 2006 value of  $V_{us}$  from semileptonic kaon decays as input.

NODE=S023AH;LINKAGE=BT

<sup>16</sup> ALAVI-HARATI 01I assumes here that the second-class current is zero and that the weak-magnetism term takes its exact SU(3) value.

NODE=S023AH;LINKAGE=A

$g_2(0)/f_1(0)$  FOR  $\Xi^0 \rightarrow \Sigma^+ e^- \bar{\nu}_e$ 

VALUE	EPTS	DOCUMENT ID	TECN	COMMENT
$-1.7_{-2.0}^{+2.1} \pm 0.5$	487	<sup>17</sup> ALAVI-HARATI01I	KTEV	$p$ nucleus, 800 GeV

<sup>17</sup> ALAVI-HARATI 01I thus assumes that  $g_2 = 0$  in calculating  $g_1/f_1$ , above.

NODE=S023AI  
NODE=S023AI

NODE=S023AI;LINKAGE=A

 $f_2(0)/f_1(0)$  FOR  $\Xi^0 \rightarrow \Sigma^+ e^- \bar{\nu}_e$ 

VALUE	EPTS	DOCUMENT ID	TECN	COMMENT
$2.0 \pm 1.2 \pm 0.5$	487	ALAVI-HARATI01I	KTEV	$p$ nucleus, 800 GeV

NODE=S023AJ  
NODE=S023AJ

 $\Xi^0$  REFERENCES

NODE=S023

BATLEY	10B	PL B693 241	J.R. Batley <i>et al.</i>	(CERN NA48/1 Collab.)	REFID=53428
BATLEY	07	PL B645 36	J.R. Batley <i>et al.</i>	(CERN NA48/1 Collab.)	REFID=51661
BATLEY	07C	PL B650 1	J.R. Batley <i>et al.</i>	(CERN NA48 Collab.)	REFID=51823
ABOUZAIID	05	PRL 95 081801	E. Abouzaid <i>et al.</i>	(FNAL KTeV Collab.)	REFID=50699
WHITE	05	PRL 94 101804	C.G. White <i>et al.</i>	(FNAL HyperCP Collab.)	REFID=50583
LAI	04A	PL B584 251	A. Lai <i>et al.</i>	(CERN NA48 Collab.)	REFID=49823
JAMES	02	PRL 89 169901 (errata)	C. James <i>et al.</i>	(MINN, MICH, WISC, RUTG)	REFID=48981
TEIGE	02	PRL 89 169902 (errata)	S. Teige <i>et al.</i>	(RUTG, MICH, MINN)	REFID=48982
ALAVI-HARATI	01C	PRL 86 3239	A. Alavi-Harati <i>et al.</i>	(FNAL KTeV Collab.)	REFID=48118
ALAVI-HARATI	01I	PRL 87 132001	A. Alavi-Harati <i>et al.</i>	(FNAL KTeV Collab.)	REFID=48376
FANTI	00	EPJ C12 69	V. Fanti <i>et al.</i>	(CERN NA48 Collab.)	REFID=47370
AFFOLDER	99	PRL 82 3751	A. Affolder <i>et al.</i>	(FNAL KTeV Collab.)	REFID=47005
JAMES	90	PRL 64 843	C. James <i>et al.</i>	(MINN, MICH, WISC, RUTG)	REFID=41113
TEIGE	89	PRL 63 2717	S. Teige <i>et al.</i>	(RUTG, MICH, MINN)	REFID=41027
HANDLER	82	PR D25 639	R. Handler <i>et al.</i>	(WISC, MICH, MINN+)	REFID=12026
COX	81	PRL 46 877	P.T. Cox <i>et al.</i>	(MICH, WISC, RUTG, MINN+)	REFID=11820
BUNCE	79	PL 86B 386	G.R.M. Bunce <i>et al.</i>	(BNL, MICH, RUTG+)	REFID=12024
BUNCE	78	PR D18 633	G.R.M. Bunce <i>et al.</i>	(WISC, MICH, RUTG)	REFID=12023
ZECH	77	NP B124 413	G. Zech <i>et al.</i>	(SIEG, CERN, DORT, HEIDH)	REFID=11817
GEWENIGER	75	PL 57B 193	C. Geweniger <i>et al.</i>	(CERN, HEIDH)	REFID=12021
BALTAY	74	PR D9 49	C. Baltay <i>et al.</i>	(COLU, BING)	REFID=12019
YEH	74	PR D10 3545	N. Yeh <i>et al.</i>	(BING, COLU)	REFID=12020
MAYEUR	72	NP B47 333	C. Mayeur <i>et al.</i>	(BRUX, CERN, TUFTS, LOUC)	REFID=12016
Also		NP B53 268 (erratum)	C. Mayeur		REFID=12017
WILQUET	72	PL 42B 372	G. Wilquet <i>et al.</i>	(BRUX, CERN, TUFTS+)	REFID=12018
DAUBER	69	PR 179 1262	P.M. Dauber <i>et al.</i>	(LRL)	REFID=11783
PALMER	68	PL 26B 323	R.B. Palmer <i>et al.</i>	(BNL, SYRA)	REFID=12014
BERGE	66	PR 147 945	J.P. Berge <i>et al.</i>	(LRL)	REFID=12011
HUBBARD	66	Thesis UCRL 11510	J.R. Hubbard	(LRL)	REFID=12012
LONDON	66	PR 143 1034	G.W. London <i>et al.</i>	(BNL, SYRA)	REFID=11774
PJERROU	65B	PRL 14 275	G.M. Pjerrou <i>et al.</i>	(UCLA)	REFID=12009
Also		Thesis	G.M. Pjerrou	(UCLA)	REFID=12010
CARMONY	64B	PRL 12 482	D.D. Carmony <i>et al.</i>	(UCLA)	REFID=12007
HUBBARD	64	PR 135 B183	J.R. Hubbard <i>et al.</i>	(LRL)	REFID=11754
JAUNEAU	63	PL 4 49	L. Jauneau <i>et al.</i>	(EPOL, CERN, LOUC+)	REFID=12005
Also		Siena Conf. 1 1	L. Jauneau <i>et al.</i>	(EPOL, CERN, LOUC+)	REFID=12004